

**JUMPY OR VIBRATING PICTURES** with vertical distortion.

**Cause:** Incorrect threading and loop formation. If camera is magazine type or designed to be threaded without loops camera may be out of adjustment. Follow the manufacturer's directions for loading your camera exactly.

#### **EXCESSIVE BLUENESS**

**Cause:** Type A Film used in daylight without the required filter. Always use a daylight conversion filter for such exposures. When exposing with flood lamps use no filter and exclude all daylight. Daylight film exposed in open shade or on cloudy overcast days may give bluish results. Use a skylight filter for such exposures.

#### **LIGHT CIRCULAR SPOTS OR CURVED STREAKS**

**Cause:** Sun or lights shining directly into

camera lens or filter. Shield lens from direct rays of light.

#### **PICTURES GREEN, RED, OR YELLOW**

**Cause:** Filter for black-and-white film may have been accidentally left on lens.

#### **EXCESSIVE REDNESS**

**Cause:** If daylight pictures, film was exposed early or late in day. Make exposures in daylight from 2 hours after sunrise until 2 hours before sunset. If indoors, Daylight film was used with flood lamp illumination.

#### **STORAGE OF PROCESSED FILM**

Processed Kodachrome film should be stored where it is dark, dry, and cool. Keep stored film away from radiators, steampipes or other places where it may be subjected to high temperatures. © 1957 Dynacolor Corp.

## **Analyze YOUR KODACHROME MOVIES**

No doubt you will be very pleased with this Kodachrome movie, but if there are any scenes that puzzle you, this leaflet will help you. It describes many of the common problems, and tells you how to prevent them.

When showing your movies be sure your projector and screen are in good condition, and that the room is dark enough.

Your nearby photo dealer will be glad to review your pictures with you. Also ask him to show you the helpful guides and accessories he has in stock to assist you in getting better pictures and more pleasure from your movie making.

# Effects and Causes

**RED OR YELLOW STREAKS** along edges, sometimes with clear sections.

**Cause:** Film light-struck when loading or unloading camera. Always load and unload your camera in subdued light. Replace paper collar on roll after exposure.

**BLACK LENGTHS OF FILM** with little or no image.

**Cause:** Film was not exposed or seriously underexposed. Camera controls may have been improperly set or lens covered. Sometimes a roll of unexposed film is sent for developing by mistake. Your dealer will be glad to assist you if you are having problems with your camera.

**GREEN APPEARANCE** sometimes with dark spots or mottled.

**Cause:** Film may have been subjected to excessive heat or humidity, or used after expiration date. Store unused film in the original package away from heat and moisture. Return exposed rolls promptly for processing.

**VERY DARK PICTURES** without shadow detail (may be back-lighted subject).

**Cause:** Underexposure — lens opening should have been larger. If pictures were indoors, age, type, or voltage rating of lamps may have been cause. See film instruction sheet for exposure recommendations.

**FLAT OR MISTY PICTURES**

**Cause:** Oil, dust, or moisture on camera or projector lenses. Be sure the lens and any filters are kept clean.

**UNEVEN BOTTOM OR TOP OF PROJECTED PICTURE**

**Cause:** Dirt or film emulsion collected in gate of camera or projector. See your instruction manual for cleaning directions.

**LIGHT PICTURES** with washed-out appearance lacking detail in highlights.

**Cause:** Overexposure — lens opening was too large. Consult film instruction sheet for correct exposure information.

**BLURRED PICTURES**

**Cause:** Incorrect focus or distance too close with fixed focus camera.

**UNSTEADY PICTURES**

**Cause:** Camera was not held steady. Use a tripod if possible. Panoram only, rarely and very slowly.